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PTO/SB/21 (02-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/804,182
Filing Date	March 19, 2004
First Named Inventor	Paul Demone
Art Unit	Not Known
Examiner Name	Not Known
Attorney Docket Number	16319-220US-1

Total Number of Pages in This Submission 522

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Return Postcard
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Kevin Pillay, 41,559 Ogilvy Renault
Signature	
Date	June 7, 2004

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being <sup>sent via courier</sup> transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Kevin Pillay	
Signature		Date June 7, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Application No.: 10/804,182  
Applicant: Paul Demone  
Filed: March 19, 2004  
TC/A.U.: Unknown  
Examiner: Unknown

Docket No.: 16319-220US-1  
Customer No.: 020988

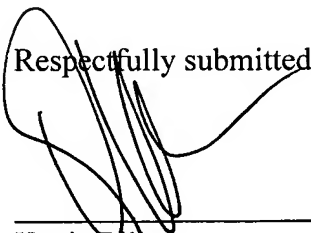
Commissioner for Patents  
P.O. Box 1450  
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**INFORMATION DISCLOSURE STATEMENT**

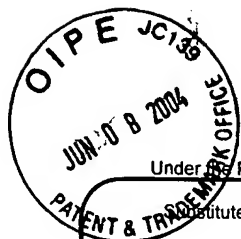
Sir:

In accordance with 37 C.F.R., §§ 1.97-1.98, applicant submits the following information which may be of interest to the examiner in charge of the above referenced application for patent. Copies of the references listed on the attached Forms PTO/SB/08A and PTO/SB/08B, are attached.

Respectfully submitted,

  
\_\_\_\_\_  
Kevin Pillay  
Registration No. 41,559  
Date: June 7, 2004

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/804,182
Filing Date	March 19, 2004
First Named Inventor	Paul Demone
Art Unit	
Examiner Name	
Attorney Docket Number	16319-220US-1

Sheet 1 of 3

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- Re. 35,934	10-27-1998	Takai	
		US- 5,666,480	09-09-1997	Leung et al.	
		US- 6,539,454 B2	03-25-2003	Mes	
		US- 5,402,388	03-28-1995	Wojcicki et al.	
		US- 5,544,124	08-06-1996	Zagar et al.	
		US- 5,550,784	08-27-1996	Takai	
		US- 5,579,267	11-26-1996	Koshikawa	
		US- 5,655,105	08-05-1997	McLaury	
		US- 5,703,815	12-30-1997	Kuhara et al.	
		US- 5,713,005	01-27-1998	Proebsting	
		US- 5,784,705	07-21-1998	Leung	
		US- 5,835,443	11-10-1998	Fujita	
		US- 6,014,339	01-11-2000	Kobayashi et al.	
		US- 6,711,083 B2	03-23-2004	Demone	
		US- 5,787,457	07-28-1998	Miller et al.	
		US- 5,856,940	01-05-1999	Rao	
		US- 6,151,236	11-21-2000	Bondurant et al.	
		US- 6,208,563 B1	03-27-2001	Naritake	
		US- 6,360,294 B1	03-19-2002	Ferrant et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
		EP 0 280 882 A2	09-07-1988	Todd		
		EP 0 704 848 A2	03-04-1996	Koshikawa		
		JP 09091955	04-1997			

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

***(Use as many sheets as necessary)***

**Complete if Known**

Application Number	10/804,182
Filing Date	March 19, 2004
First Named Inventor	Paul Demone
Art Unit	
Examiner Name	
Attorney Docket Number	16319-220US-1

Sheet	2	of	3
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## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/804,182
		Filing Date	March 19, 2004
		First Named Inventor	Paul Demone
		Art Unit	
		Examiner Name	
Sheet 3	of 3	Attorney Docket Number	16319-220US-1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Boemo, Lopez-Buedo and Meneses, "The Wave Pipeline Effect on LUT-based FPGA Architectures", Ciudad Universitaria, Madrid, Spain	
		Mehrdad, Heshami et al., "A 250-MHz Skewed - Clock Pipelined Data Buffer", IEEE Journal of Solid-State Circuits, Vol. 31, No. 3, March 1, 1996, Pgs. 376-383	

Examiner Signature		Date Considered	
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